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31 March 1997

Mr. Lon Biasco  
Work Assignment Manager  
Integrated Assessments (6SF-RA)  
EPA Region 6  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202

**RE:** PREscore - Wilcox Oil Company Expanded Site Inspection  
EPA ARCS Contract No. 98-W49-0015  
Work Assignment No. 56-6JZZ  
Document Control No. 4606-56-0099

Dear Mr. Biasco:

Roy F. Weston, Inc. (WESTON®) is pleased to provide EPA Region 6 with the PREscore for the Wilcox Oil Company Expanded Site Inspection (ESI), located in Bristow, Oklahoma. The overall site score is 50.93 and is based primarily on the surface water pathway.

The groundwater pathway score is 16.13 and is based on the high potential for release of hazardous constituents to the area drinking water aquifers. Both private and public supply wells are located within a 4-mile radius of the site; however, most are located at a distance of greater than 1 mile. WESTON did not perform groundwater sampling as of this ESI (at the request of EPA) and therefore this pathway was evaluated on the potential for release to area wells only.

The surface water pathway score is 100.00 and is based on a release of copper and lead to Sand Creek. These substances were also found in on-site sources and are considered at least partially-attributable to the site. It should be noted that elevated levels of these substances were also found in sediment samples collected from areas upstream of the site that receive runoff from former refineries located north and west of the site. Fisheries exist in Sand Creek and the Little Deep Fork Creek (receiving body for Sand Creek). In addition, wetland frontages occur in Sand Creek and the Little Deep Fork Creek, beginning at approximately 2.5 miles downstream of the lowest known point of contamination.

The soil exposure score is 10.67. Although an area of surface soil contamination has been documented, the number of residential targets is low.

The air pathway was not evaluated and received a pathway score of 0.00, due to the lack of air data and the low number of nearby targets.

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If you have any questions, please feel free to contact Diane Williams at (713) 621-1620 or Robert Beck at (210) 342-7810.

Very truly yours,

ROY F. WESTON, INC.

Diane G. Williams  
Project Team Leader

FOR Robert B. Beck, P.E.  
Site Manager

RBB/DGW  
Attachments

cc: Steve Mitchell, WESTON (ATX)